

CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on this 19th day of February, 1998.

Typed or Printed name of person signing this certificate:

Kristen D. N. Thomas

Signed: Kristen D. N. Thomas

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	
Appelt, et al)	Examiner: Not yet Assigned
)	
Serial No.: 08/968,988)	Art Unit: Not yet Assigned
)	
Filed: November 11, 1997)	
)	
For: MANUFACTURING METHODS FOR)	Attorney Docket No.: EN9-97-032
PRINTED CIRCUIT BOARDS AND PRINTED)	(21325/00292)
CIRCUIT BOARDS MADE THEREBY)	

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The information enclosed and cited on the accompanying form PTO-1449 is hereby submitted in compliance with 37 CFR §§1.56, 1.97 and 1.98 for consideration by the Examiner in connection with the application.

Respectfully submitted,

Date: February 19, 1998

By: Pamela A. Docherty
PAMELA A. DOCHERTY, REG. NO. 40,591
CALFEE, HALTER & GRISWOLD LLP
1400 McDonald Investment Center
800 Superior Avenue
Cleveland, Ohio 44114-2688
(216) 622-8416

Subst. Form PTO-1449 APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: EN9-97-032		Serial No.: 08/968,983
	Applicant: Appelt, et al.		
	Filing Date: November 12, 1997		Group:

U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	3,767,398	October 23, 1973	Morgan			
	AB	3,960,561	June 1, 1976	Haining, et al.			
	AC	4,209,355	June 24, 1980	Burns			
	AD	4,372,804	February 8, 1983	Hanabusa, et al.			
	AE	4,983,252	January 8, 1991	Masui, et al.			
	AF	5,092,032	March 3, 1992	Murakami			
	AG	5,200,026	April 6, 1993	Okabe			
	AH	5,492,233	February 20, 1996	Kusagaya			
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subcl.	Translation ?
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART

	AQ	
	AR	
Examiner:		Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.